

To the following:

02 This application is a divisional application of United States Patent Application No. 09/419,047, filed October 15, 1999, which claims the benefit of United States Provisional Application 60/104,503, filed October 16, 1998, which issued into Patent No. 6,377,142, issued on April 23, 2002.

Summary of the Invention Amendment

Please amend the summary of the invention to the following which reflects the currently claimed invention (i.e., the Waveguide Embodiment). For ease of review a marked up version is followed by a clean version.

Marked-up Version:

This invention provides a tunable dielectric structure including a first layer of dielectric material, and a second layer of dielectric material positioned adjacent to the first layer of dielectric material, with the second layer of dielectric material having a dielectric constant that is less than the dielectric constant of the first layer of dielectric material. The structure further includes electrodes for applying a controllable voltage across the first dielectric material, thereby controlling a dielectric constant of the first dielectric material, wherein at least one of the electrodes is positioned between the first and second layers of dielectric material.

The dielectric materials can be formed in various shapes and assembled in various orientations with respect to each other. The I[L]aminated structures of such dielectric materials herein [can] serve as substrates for [microstrips,]coplanar [or other planar microwave transmission] lines[, as well as dielectric media for coaxial cable, or waveguides.]

Clean Version:

03 This invention provides a tunable dielectric structure including a first layer of dielectric material, and a second layer of dielectric material positioned adjacent to the first layer of dielectric material, with the second layer of dielectric material having a dielectric constant that is less than the dielectric constant of the first layer of dielectric